

AMENDMENTS TO THE SPECIFICATION

Please replace Paragraph [0034] with the following paragraph rewritten in amendment format:

[0034] As best seen in FIGS. 3-6, integrated joint actuator assembly 100 generally includes preferably four inflatable, pressure-resistant, flexible, hollow bodies, similar in function to pneumatic bellows and hereafter referred to as bellows 102. Each closed end of bellows 102 is coupled between adjacent segments 12, 12' along walls 104a and 104b via a fastener ~~406~~. Fluid communication is established with each bellows 102 to permit selective inflation and deflation of bellows 102 for proper control of integrated joint actuator assembly 100, which will be discussed below. It is preferred that bellows 102 are arranged in a general square-shaped orientation when viewed in cross-section (FIG. 5). However, it should be appreciated that any number of bellows may be used that provide adequate articulation control.